

ABSTRACT OF THE DISCLOSURE

In order to reduce the total time needed to print data produced by application software, producing of data and printing of the data are performed in parallel. In the parallel processing mode, the application software outputs data part by part in the same order as the order in which the data is printed by a printer on printing paper in a printing direction, that is, in a direction from the top to the bottom of the page. A printer driver declares to an OS (Operating System) that the OS should perform processing in an unbanding mode, and banding is performed by the printer driver. In the parallel processing mode, data of an area is printed when data of a next area is being scanned, and thus the total time from the start of a copying process to the end of printing is reduced.